

# 2017 Corn Grain Top 30 Harvest Report

Minnesota Southeast [ MNSE ] KASSON  
 Brian Herbst, Dodge County, MN 55944



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Soybean / OpTill, Sharpen, Flexstar, Roundup PowerMax  
 SOIL DESCRIPTION: Tripoli silty clay, well drained  
 SOIL CONDITION: Minimum w/ fall till, high P, high K, 6.6 pH, 3.2% OM  
 PEST MANAGEMENT: Force, Laudis, atrazine  
 FERTILITY - Applied N: 185 Spring  
 Applied N-P-K (units): 185-85-140  
 SEEDING - RATE - ROW: May 9 35,318 /A 30" spacing  
 HARVESTED - STAND: Oct 31 33,500 /A

## Early-Season Test

95 - 100 Day CRM  
 B2017MNSE08a

## Top 30 of 56

For Gross Income (Sorted by Yield)  
 Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pfister	1785GT3	3000GT	98	<b>282.2</b>	17.4	0	33.0	872	1
Viking	89-99N Art	None,A	99	<b>275.8</b>	17.1	1	33.0	854	2
Golden Harvest	G96V99-3120-EZR	3120,B	96	<b>274.8</b>	17.3	0	33.4	850	3
Latham	LH4919SS	STX	99	<b>266.9</b>	17.4	0	33.4	825	4
NuTech	5N-800	3011,A	100	<b>264.2</b>	18.1	0	33.0	812	5
LG Seeds	LG5465VT2P	VT2P	97	<b>257.7</b>	17.4	0	33.7	796	6
Mustang	429VT2PRIB	VT2P,B	97	254.3	17.7	0	33.0	784	8
Viking	57-01N	None	101	253.9	17.4	0	34.7	785	7
NorthStar	NS100-464GENSSRIB	STX,B	100	253.4	17.9	0	32.3	780	9
Wyffels	W2198RIB	STX,B	100	252.1	17.6	0	34.4	778	10
Epley	E1020	None	100	248.5	18.1	0	33.4	764	13
Anderson	6284	None	98	248.4	17.3	0	32.0	768	11
Golden Harvest	G97N86-3110	3110	97	247.6	16.9	0	32.0	768	12
Viking	44-98	None	98	245.9	17.5	0	33.4	759	14
Pfister	1740RASS	STX,B	98	245.4	17.3	0	33.7	759	15
Wyffels	W2086RIB	VT2P,B	98	245.0	17.5	0	33.4	756	17
Renk	RK612SSTX	STX,B	100	245.0	17.8	0	34.4	755	18
Mustang	5299VT2PRIB	VT2P,B	99	244.1	16.6	0	33.7	759	16
Hefty	H4812VT2P	VT2P	98	243.5	17.0	0	33.7	755	19
Latham	LH5099SSRIB	STX,B	100	241.5	17.7	0	34.7	744	22
LG Seeds	LG5494VT2P	VT2P	99	241.3	16.9	0	32.3	749	21
NuTech/G2 Gen	5F-196^	AM,B	96	240.9	16.4	0	33.7	750	20
Jacobsen Seed	JS4121	None	100	240.9	17.6	0	33.7	743	23
NuTech/G2 Gen	5FN-5096^	OI	96	240.5	17.6	0	33.7	742	26
Dyna-Gro	D39DC43	VT2P,DG	99	239.8	17.1	0	32.0	743	24
Wyffels	W1886	VT2P	97	239.7	17.2	0	32.7	742	27
Enestvedt	E698VT2Pro	VT2P	100	239.5	17.0	0	33.0	742	28
Golden Harvest	G94U87-3110A	3110,A	94	239.2	16.8	0	33.4	743	25
Latham	LH5025VT2ProDG	VT2P,DG	100	239.2	17.5	0	33.7	739	29
NuTech/G2 Gen	5FN-7099^	OI	99	238.5	17.4	0	34.0	737	30
Pioneer	P9929AMXT CK	AMXT,B	99	237.9	18.2	0	33.4	730	32

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Averages = **237.1** **17.3** **0** **33.5** **733**

LSD (0.10) = 17.8 0.5 ns

LSD (0.25) = 9.4 0.3 ns

C.V. = 8.3 Prev. years average yield, 206.5 bu/a, 16 yrs

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.15; non-GMO = \$3.15

**Test Comments:** *This site was beautiful at harvest. Stalks stood well, with almost zero lodging. Rainfall was very timely, but not excessive. Langley's (sunlight intensity) were very good in June, and temps were moderate all year. Brian applied Headline fungicide at brown silk to protect plant health. Brian believes the unusually cool August allowed the corn to add grain quality. There was no killing frost until Oct. 26.*

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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Report Date: 11/02/2017 Revised:

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 PEST MANAGEMENT: Force, Laudis, atrazine  
 FERTILITY - Applied N: 185 Spring  
 Applied N-P-K (units): 185-85-140  
 SEEDING - RATE - ROW: May 9 35,318 /A 30" spacing  
 HARVESTED - STAND: Oct 31 33,500 /A

**Full-Season Test**  
**101 - 104 Day CRM**  
 B2017MNSE08b

**Top 30 of 56**

For Gross Income (Sorted by Yield)  
 Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK629VT3P	VT3P,B	101	<b>262.4</b>	18.2	0	34.0	806	1
Hefty	H5104SSRIB	STX,B	101	<b>262.2</b>	19.1	0	32.3	799	2
Latham	LH5402RR	RR2	104	<b>261.9</b>	19.2	0	33.4	797	3
Dairyland	DS-9804SSX	STX	104	258.5	17.9	0	33.4	796	4
Hefty	H5302VT2PRIB	VT2P,B	103	258.1	17.9	0	34.4	794	5
Anderson	611VT2P	VT2P,B	101	257.6	18.7	0	32.7	788	6
Renk	RK680SSTX	STX,B	103	255.3	18.9	0	34.4	779	10
LG Seeds	LG5505STX	STX	102	254.7	18.1	0	32.7	783	7
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	254.5	18.0	0	33.7	783	8
NuTech/G2 Gen	5F-503^	AM,B	103	254.1	18.3	0	33.7	779	11
Latham	LH5215VT2ProRIB	VT2P,B	102	253.6	18.3	0	32.7	778	12
Wyffels	W4196	VT2P	105	253.3	18.5	0	34.7	776	13
Pioneer	P0157AMX GC	AMX,AQ,B	101	253.2	18.4	0	33.4	776	14
NorthStar	NS103-169GENSSRIB	STX,B	103	253.2	18.5	0	33.7	775	15
AgriGold	A6267STXRIB	STX,B	102	253.2	19.0	0	33.4	772	16
Jacobsen Seed	JS4249	None	104	251.8	17.1	0	34.4	780	9
Titan Pro	TP 61-01 3122A	3122,A,B	101	251.0	18.0	0	33.7	772	17
Dyna-Gro	D44VC36	VT2P	104	250.7	18.0	0	33.4	771	18
Pfister	62A1SSR	STX,B	102	250.1	18.1	0	33.0	768	20
Titan Pro	TP 58-01 2P	VT2P,B	101	249.2	17.6	0	33.7	769	19
Viking	72-04N	None	104	249.1	18.0	0	34.0	766	21
Golden Harvest	G03C84-3120-EZR	3120,B	103	249.0	18.2	0	33.4	764	22
Wyffels	W2618RIB	STX,B	104	248.5	18.0	0	34.4	764	23
NorthStar	NS104-167GENSSRIB	STX,B	104	248.5	18.6	0	32.7	760	25
Renk	RK642SSTX	STX	103	248.5	18.7	0	31.6	760	26
Dairyland	DS-9802RA	STX,B	102	247.6	19.2	0	33.0	754	30
Mustang	7202VT2PRIB	VT2P,B	102	247.3	17.8	0	33.7	762	24
Titan Pro	TP 75-01 SS	STX	101	247.3	18.1	0	33.0	760	27
Anderson	5303	None	103	246.1	18.3	0	34.0	755	29
Pfister	61D2SSR	STX,B	101	245.7	17.9	0	33.7	756	28
Pioneer	P9929AMXT CK	AMXT,B	99	244.1	18.3	0	32.7	749	31

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Averages =	<b>244.6</b>	<b>18.3</b>	<b>0</b>	<b>33.5</b>	<b>750</b>
LSD (0.10) =	16.5	0.5	ns		
LSD (0.25) =	8.6	0.3	ns		
C.V. =	7.4	Prev. years average yield, 206.5 bu/a, 16 yrs			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.15; non-GMO = \$3.15

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**Early-Season Test Products (56 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A6199STXRIB	STX,B	AC,P5V	95	Titan Pro	TP 58-95 SS	STX	AC,P5V	95
AgriGold	A629-22STX	STX	AC,P5V	99	Titan Pro	TP 65-00 2P	VT2P,DG	AC,P2	100
AgriGold	A630-31VT2RIBD1	VT2P,DG,B	AC,P5V	100	Titan Pro	TP 78-98 SS	STX	AC,P5V	98
Anderson	6284	None	MQ	98	Viking	44-98	None	AC,P2	98
Anderson	675VT2P	VT2P,B	AC,P2	98	Viking	51-95N	None	CM,C2	95
Anderson	7995	None	MQ	95	Viking	57-01N	None	CM,C2	101
Blue River	38G54	None	M	96	Viking	89-99N Art	None,A	CM,C2	99
Dekalb	DKC46-36RIB GC	STX,B	AC,P5V	96	Wyffels	W1886	VT2P	AC,P5V	97
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99	Wyffels	W1968RIB	STX,B	AC,P5V	101
Enestvedt	E696SSRIB	STX,B	AC,P5V	100	Wyffels	W2086RIB	VT2P,B	AC,P2	98
Enestvedt	E698VT2Pro	VT2P	AC,P5V	100	Wyffels	W2198RIB	STX,B	AC,P5V	100
Epley	E1020	None	MQ	100					
Golden Harvest	G94U87-3110A	3110,A	AVC,C2,Vi	94					
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96					
Golden Harvest	G97N86-3110	3110	AVC,C2,Vi	97					
Hefty	H4812VT2P	VT2P	AC,P2,In	98					
Hefty	H4904SSRIB	STX,B	AC,P5V,In	99					
Hefty	H4912VT2P	VT2P	AC,P2,In	99					
Hefty	HCEXP9812	VT2P	AC,P2,In	98					
Jacobsen Seed	JS4121	None	MQ,P2	100					
Latham	LH4657VT2Pro	VT2P	AC,P5V	96					
Latham	LH4919SS	STX	AC,P5V	99					
Latham	LH5025VT2ProDG	VT2P,DG	AC,P5	100					
Latham	LH5099SSRIB	STX,B	AC,P5V	100					
LG Seeds	LG5465VT2P	VT2P	AC,P5V	97					
LG Seeds	LG5494VT2P	VT2P	AC,P5V	99					
Mustang	4297VT2PRIB	VT2P,B	AC,P2	97					
Mustang	5299VT2PRIB	VT2P,B	AC,P2	99					
Mustang	5700VT2PDGRIB	VT2P,DG,B	AC,P2	100					
Mustang	6800SSRIB	STX,B	AC,P2	100					
NorthStar	NS100-464GENSSRIB	STX,B	AC,P5V	100					
NorthStar	NS96-103GENSSRIB	STX,B	AC,P5V	96					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V,R	96					
NuTech/G2 Gen	5FN-5096^	OI	MQ,P1V,R	96					
NuTech/G2 Gen	5FN-6097^	OI	MQ,P1V,R	97					
NuTech/G2 Gen	5FN-7099^	OI	MQ,P1V,R	99					
Pfister	1740RASS	STX,B	CM,C5,Vi,In	98					
Pfister	1785GT3	3000GT	CM,C5,Vi,In	98					
Pfister	60B1SSR	STX,B	CM,C5,Vi,In	100					
Pioneer	P9929AMXT CK	AMXT,B	MQ,C2,R,Lu	99					
Renk	RK595SSTX	STX,B	AC,P5V	99					
Renk	RK596SSTX	STX,B	AC,P5V	98					
Renk	RK608DGV2P	VT2P,DG,B	AC,P2	100					
Renk	RK612SSTX	STX,B	AC,P5V	100					

2017 Corn Grain - Minnesota Southeast [ MNSE ]



Full-Season Test Products (56 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
AgriGold	A6267STXRIB	STX,B	AC,P5V	102	Titan Pro	TP 53-03 2P	VT2P,B	AC,P5V	103
AgriGold	A6346VT2RIB	VT2P,B	AC,P5V	104	Titan Pro	TP 58-01 2P	VT2P,B	AC,P5V	101
AgriGold	A6355STXRIB	STX,B	AC,P5V	103	Titan Pro	TP 61-01 3122A	3122,A,B	CM,C2	101
Anderson	5303	None	MQ	103	Titan Pro	TP 75-01 SS	STX	AC,P5V	101
Anderson	611VT2P	VT2P,B	AC,P2	101	Viking	40-03UP	None	CM,C2	103
Blue River	51T59	None	M	103	Viking	53-01 Art	None,A	CM,C2	101
Dairyland	DS-9802RA	STX,B	CM,C5,Vi,In	102	Viking	72-04N	None	CM,C2	104
Dairyland	DS-9804SSX	STX	CM,C5,Vi,In	104	Wyffels	W2618RIB	STX,B	AC,P5V	104
Dekalb	DKC52-84RIB GC	STX,B	AC,P5V	102	Wyffels	W3076RIB	VT2P,B	AC,P5V	102
Dekalb	DKC54-36	None	AC,P2	104	Wyffels	W3228RIB	STX,B	AC,P5V	103
Dyna-Gro	D44VC36	VT2P	AC,P5V	104	Wyffels	W4196	VT2P	AC,P5V	105
Dyna-Gro	D45SS65	STX	AC,P5V	105					
Golden Harvest	G01D24-3120-EZR	3120,B	AVC,C2,Vi	101					
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103					
Golden Harvest	G05B91-3010	3010	AVC,C2,Vi	105					
Hefty	H5104SSRIB	STX,B	AC,P5V,In	101					
Hefty	H5114SS	STX	AC,P5V,In	101					
Hefty	H5214SS	STX	AC,P5V,In	102					
Hefty	H5302VT2PRIB	VT2P,B	AC,P2,In	103					
Jacobsen Seed	JS4249	None	MQ,P2	104					
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102					
Latham	LH5245VT2Pro	VT2P	AC,P5V	102					
Latham	LH5339SSRIB	STX,B	AC,P5V	103					
Latham	LH5402RR	RR2	AC,P2	104					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5505STX	STX	AC,P5V	102					
LG Seeds	LG5507STXRIB	STX,B	AC,P5V	103					
Mustang	7202VT2PRIB	VT2P,B	AC,P2	102					
Mustang	7801SSRIB	STX,B	AC,P2	101					
Mustang	7803SSRIB	STX,B	AC,P2	103					
NorthStar	NS103-169GENSSRIB	STX,B	AC,P5V	103					
NorthStar	NS104-167GENSSRIB	STX,B	AC,P5V	104					
NuTech/G2 Gen	5F-503^	AM,B	MQ,P5V,R	103					
NuTech/G2 Gen	5F-601^	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	X5LN-0308^	OIXT,AQ	MQ,P1V,R	103					
Pfister	61D2SSR	STX,B	CM,C5,Vi,In	101					
Pfister	62A1SSR	STX,B	CM,C5,Vi,In	102					
Pfister	63A3SS	STX	CM,C5,Vi,In	103					
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,C2,R	101					
Pioneer	P9929AMXT CK	AMXT,B	MQ,C2,R,Lu	99					
Prairie Brand	5398SX	STX	CM,C5,Vi,In	103					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Renk	RK642SSTX	STX	AC,P5V	103					
Renk	RK675DGV2P	VT2P,DG,B	AC,P2	103					
Renk	RK680SSTX	STX,B	AC,P5V	103					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus <sup>®</sup> brand seed is distributed by Burrus. HPT <sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPMaxx <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> and Phoenix <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , Power Plus <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPMaxx <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix <sup>®</sup> are trademarks of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

### Corn Technologies\*

3000GT	Agrisure <sup>®</sup> 3000GT (CB,RW,LL,GT)	GT	Agrisure <sup>®</sup> GT
3010	Agrisure <sup>®</sup> 3010 (CB,LL,GT)	HX	Herculex <sup>®</sup> 1, contains LL
3011,A	Agrisure <sup>®</sup> Artesian <sup>®</sup> (CB,RW,LL,GT)	HXRW	Herculex <sup>®</sup> Rootworm, contains LL
3110	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3110 (Vip, CB,LL,GT)	HXT	Herculex <sup>®</sup> Xtra (HX,HXRW,LL)
3111	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink <sup>®</sup>
3120	Agrisure <sup>®</sup> 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure <sup>®</sup> 3122 (CB,HXX,RW,LL,GT)	OI	Optimum <sup>®</sup> Intrasect <sup>®</sup> , YHR (YGCB,HX,LL,RR2)
3220	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure <sup>®</sup> Artesian <sup>®</sup>	OIXT	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum <sup>®</sup> AcreMax <sup>®</sup> (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum <sup>®</sup> AcreMax <sup>®</sup> TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready <sup>®</sup> 2 Corn
AMX	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure <sup>®</sup> Rootworm
AMXT	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax <sup>®</sup> (VT3P,HXT,RR2,LL)
AQ	Optimum <sup>®</sup> AQUAMax <sup>®</sup>	VT2P	Genuity <sup>®</sup> VT Double PRO <sup>®</sup>
B	Refuge Blend	VT3P	Genuity <sup>®</sup> VT Triple PRO <sup>®</sup>
CB	Agrisure <sup>®</sup> Corn Borer	YGCB	YieldGard <sup>®</sup> Corn Borer
DG	Genuity <sup>®</sup> DroughtGard <sup>®</sup>		

\* The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*\*

?	information unavailable	In	Intego™ Solo
A	Allegiance <sup>®</sup>	L	Lorsban <sup>®</sup>
AC	Acceleron <sup>®</sup> fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	M	Maxim XL <sup>®</sup>
At	Actellic <sup>®</sup>	MQ	Maxim Quattro <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn	None	untreated
C2, C5, C1	Cruiser <sup>®</sup> at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho <sup>®</sup> at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme <sup>®</sup>	R	Raxil <sup>®</sup>
CM	CruiserMaxx <sup>®</sup> Corn	SC	SHIELDCoat™
D	Dynasty <sup>®</sup>	V	Votivo <sup>®</sup>
Es	Escalate <sup>®</sup>	Vi	Vibrance <sup>®</sup>

\*\* Seed treatments may include unspecified plant health promoting components.